

NOTES:

1. FOR DETAILS OF CABLE RACKS, DUCT ENTRANCE AND PULLING-IN IRONS, SEE PLATE UG-7.
2. MINIMUM CONCRETE COMPRESSIVE STRENGTH SHALL BE 3000 PSI.

MANHOLE DIMENSIONS			
TYPE	A	B	C (AT HIGH PT.)
1	6'-0"	6'-0"	6'-6"
2	6'-0"	8'-0"	6'-6"

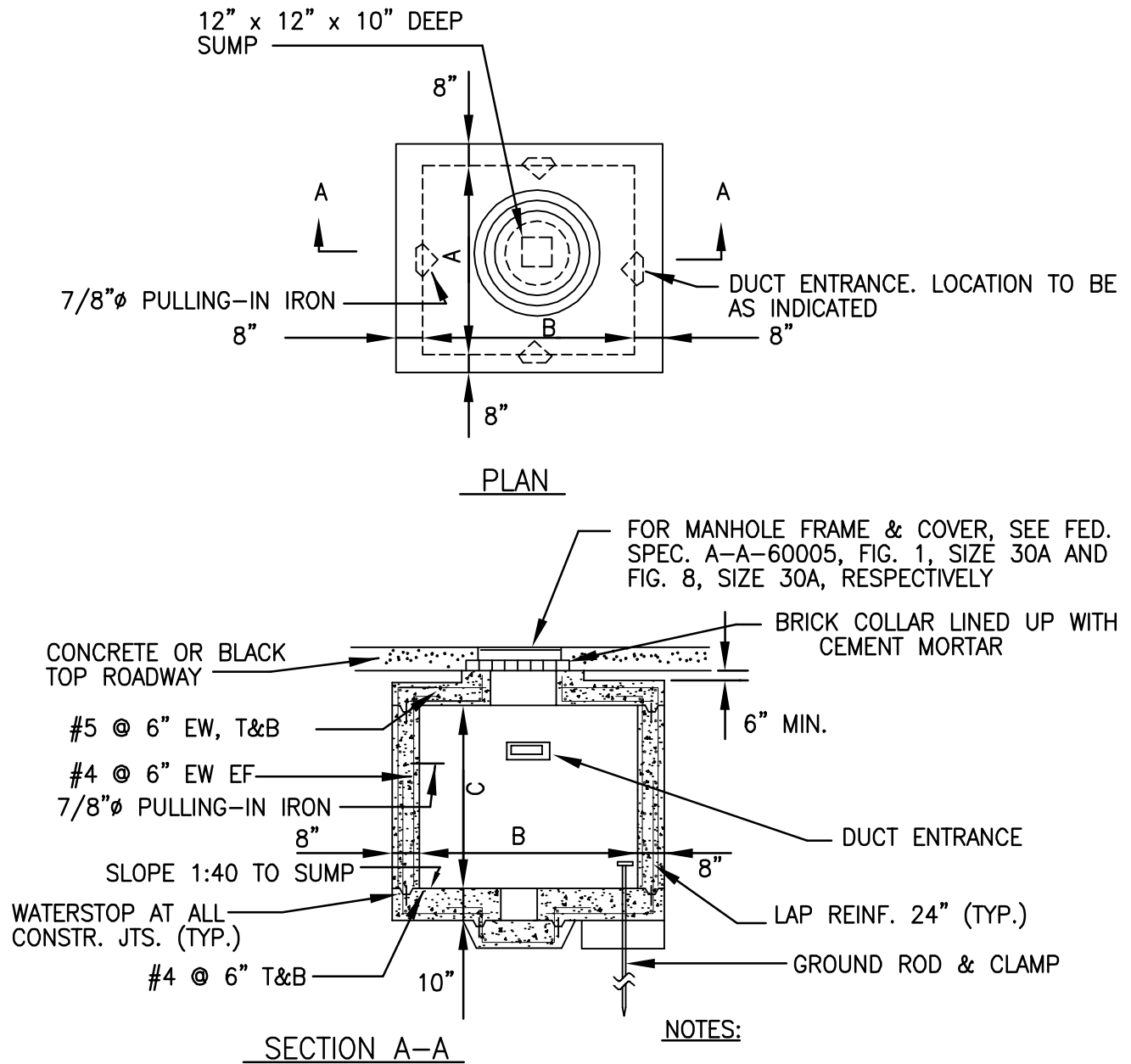
**STANDARD ELECTRICAL MANHOLE (NONTRAFFIC)
TYPES 1 & 2**

SKETCH DATE

JUNE 2002

STYLE

UG-1



MANHOLE DIMENSIONS			
TYPE	A	B	C (AT HIGH PT.)
3	6'-0"	6'-0"	6'-6"
4	6'-0"	8'-0"	6'-6"

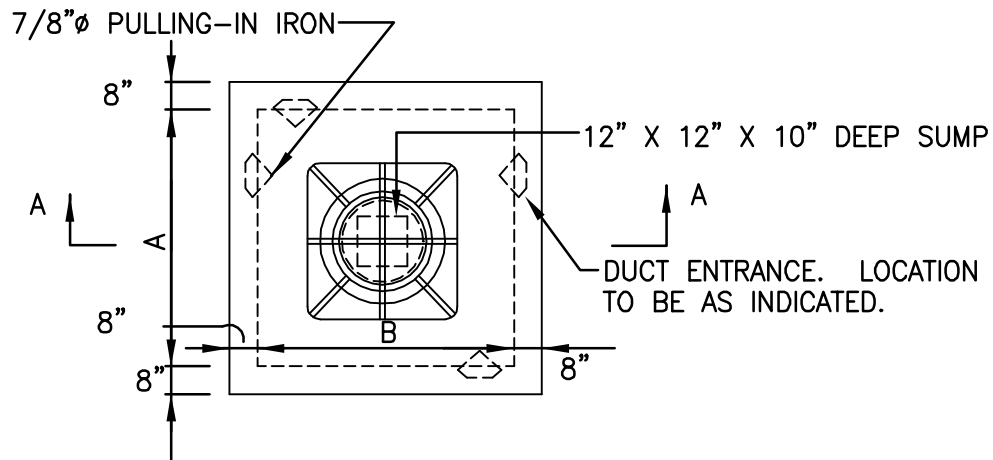
STANDARD ELECTRICAL MANHOLE (TRAFFIC) TYPES 3 & 4

SKETCH DATE

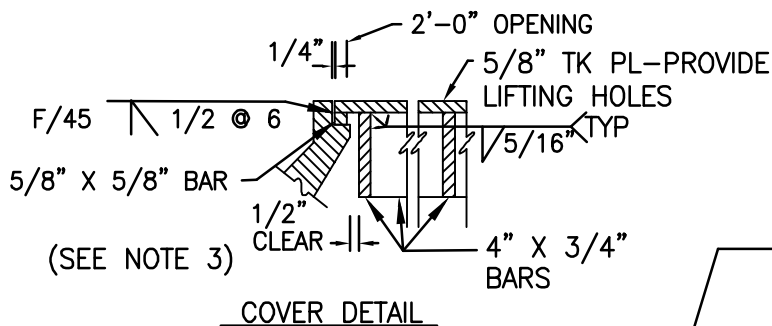
JUNE 2002

STYLE

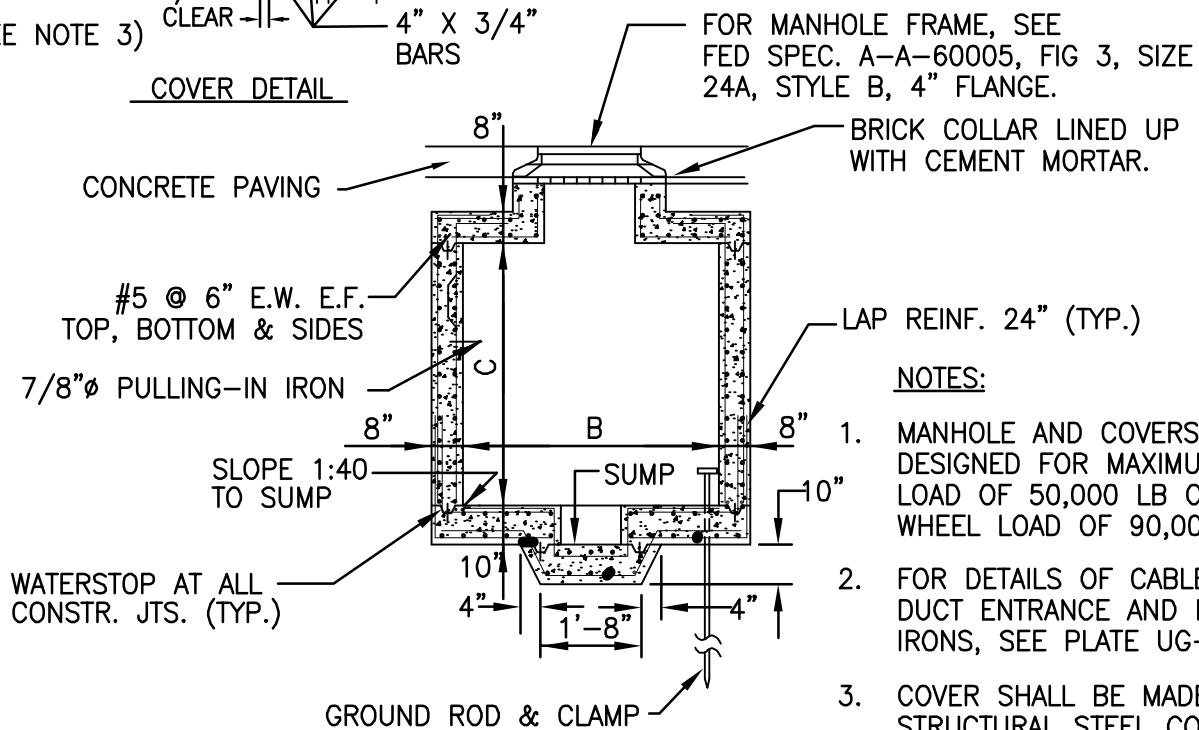
UG-2



PLAN



COVER DETAIL



SECTION A-A

NOTES:

1. MANHOLE AND COVERS ARE DESIGNED FOR MAXIMUM WHEEL LOAD OF 50,000 LB OR DUAL WHEEL LOAD OF 90,000 LB.
2. FOR DETAILS OF CABLE RACKS, DUCT ENTRANCE AND PULLING-IN IRONS, SEE PLATE UG-7.
3. COVER SHALL BE MADE OF STRUCTURAL STEEL CONFORMING TO ASTM A 36/A 36M.
4. MINIMUM CONCRETE COMPRESSIVE STRENGTH SHALL BE 3000 PSI.

MANHOLE DIMENSIONS			
TYPE	A	B	C (AT HIGH PT.)
5	6'-0"	6'-0"	6'-6"
6	6'-0"	8'-0"	6'-6"

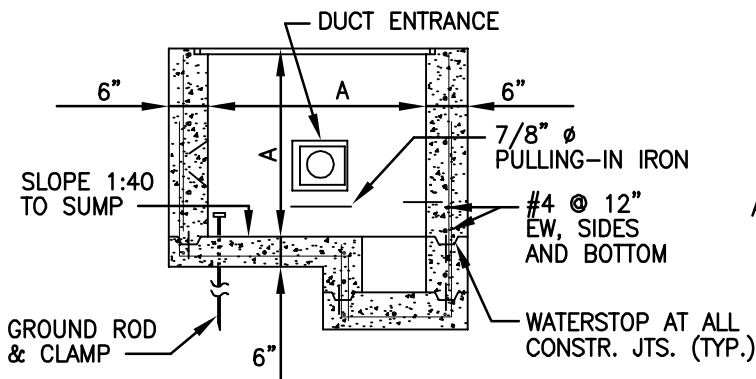
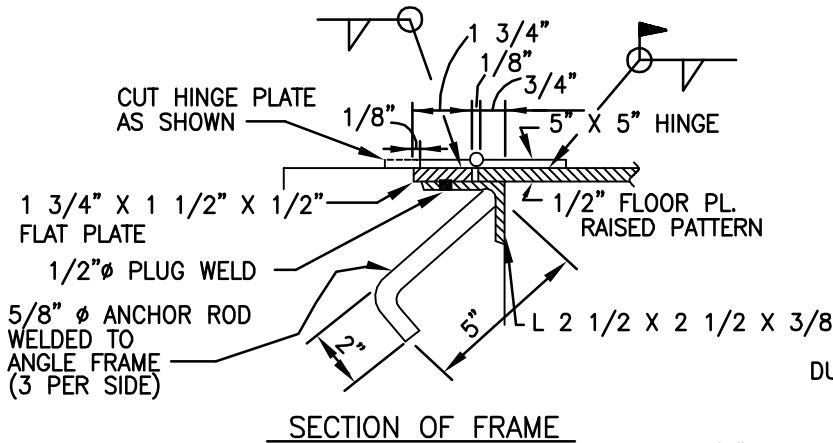
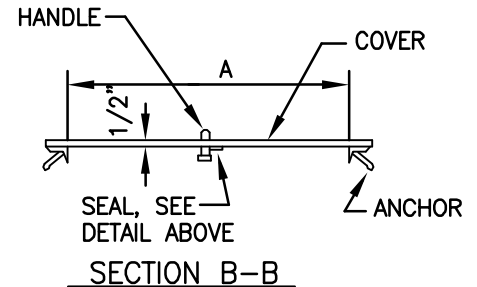
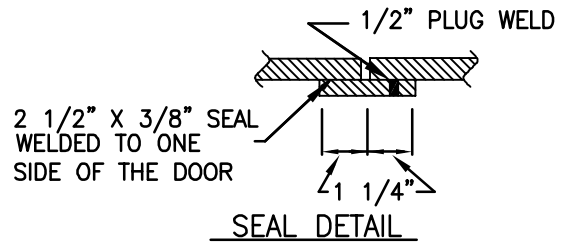
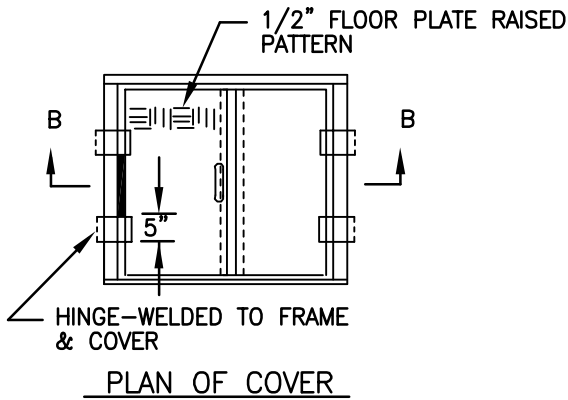
STANDARD ELECTRICAL MANHOLE (AIRFIELD)
TYPES 5 & 6

SKETCH DATE

JUNE 2002

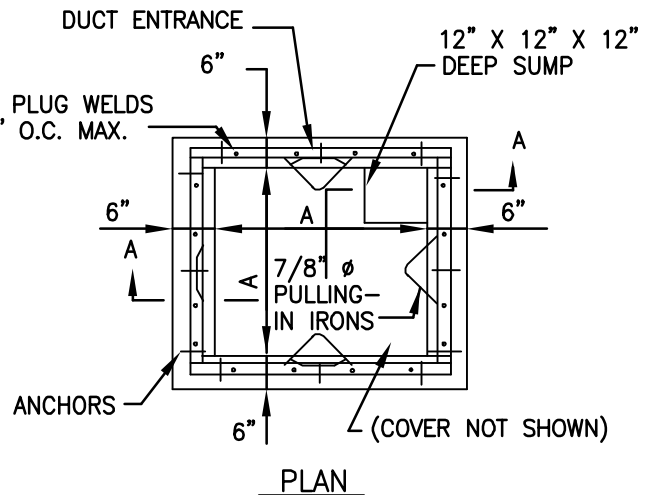
STYLE

UG-3



SECTION A-A

HANDHOLE TYPE	DIMENSIONS
1	3'-0"
2	4'-0"



NOTES:

1. FOR DETAILS OF CABLE RACKS, DUCT ENTRANCE AND PULLING-IN IRONS, SEE PLATE UG-7.
2. MINIMUM CONCRETE COMPRESSIVE STRENGTH SHALL BE 3000 PSI.

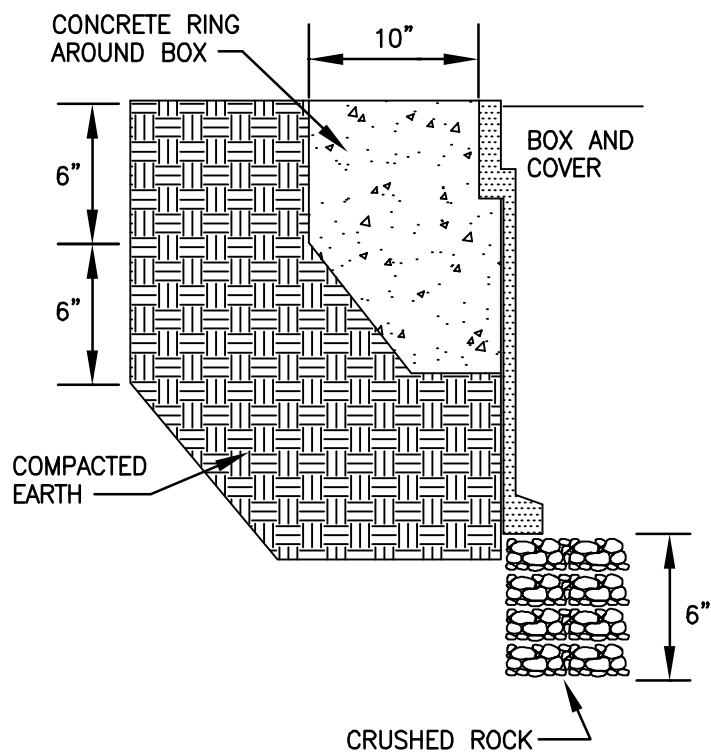
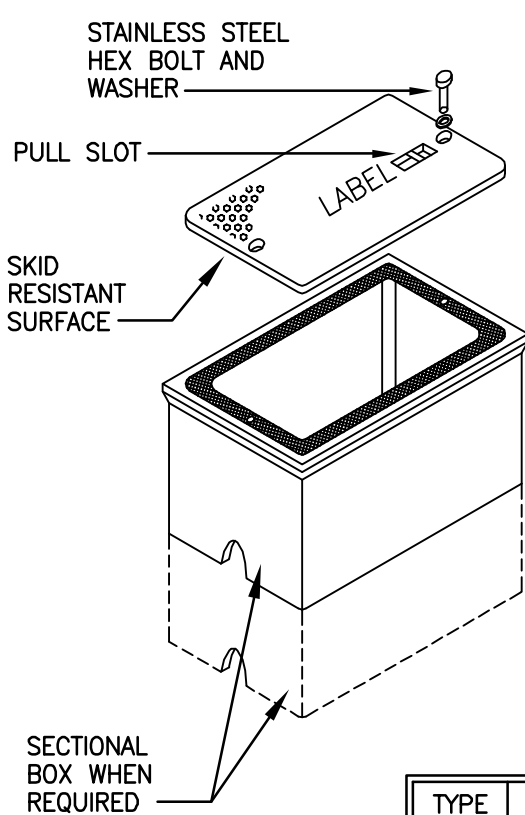
STANDARD ELECTRICAL HANDHOLE (NONTRAFFIC) TYPES 1 & 2

SKETCH DATE

JUNE 2002

STYLE

UG-4



TYPE	HANDHOLE SIZING
5	12" X 12" X 24" DEEP
6	12" X 18" X 24" DEEP
7	12" X 24" X 24" DEEP
8	24" X 36" X 24" DEEP
9	30" X 48" X 24" DEEP

HANDHOLE REQUIREMENTS

1. HOUSING SHALL BE A POLYMER CONCRETE REINFORCED WITH A HEAVY WEAVE FIBERGLASS REINFORCING WITH COMPRESSIVE STRENGTH OF NO LESS THAN 10,000 PSI.
2. COVER AND BOX SHALL WITHSTAND A SERVICE LOAD OF NO LESS THAN 15,000 LBS OVER A 10" x 10" AREA.
3. PROVIDE STAINLESS STEEL BOLTS AND INSERTS.
4. PROVIDE WITH (2) 2 1/2" MOUSEHOLES.
5. PROVIDE LABEL "ELECTRICAL" FOR POWER HANDHOLES OR "TELEPHONE" FOR TELEPHONE HANDHOLES, OR AS INDICATED.

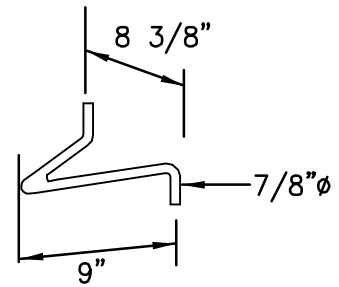
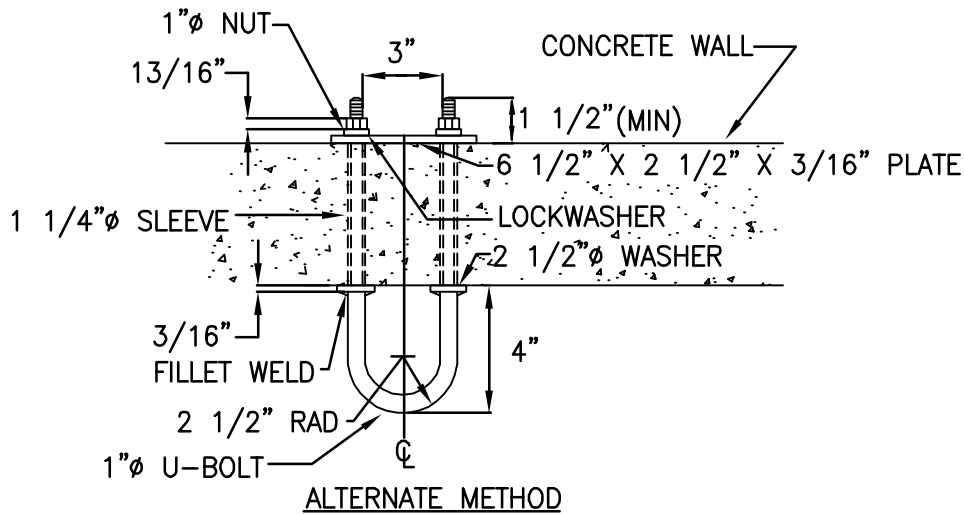
STANDARD ELECTRICAL HANDHOLE (NONTRAFFIC)
(COMPOSITE/FIBERGLASS) TYPES 5, 6, 7, 8 & 9

SKETCH DATE

JUNE 2002

STYLE

UG-6

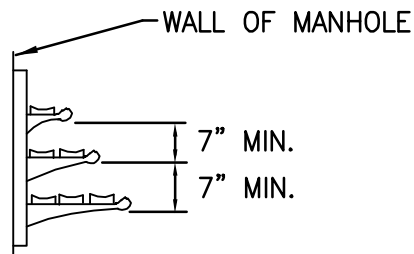


CAST IN PLACE

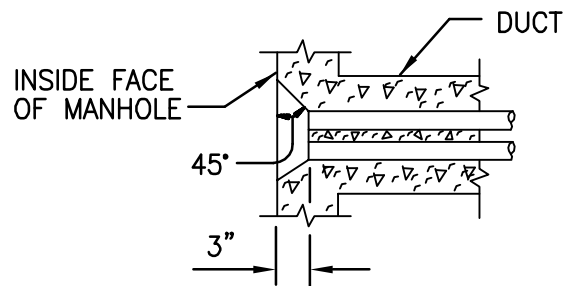
NOTE

ALL METAL PARTS SHALL
 BE HOT DIP GALVANIZED

DETAIL OF PULLING-IN IRON



TYPICAL CABLE RACK



TYPICAL DUCT ENTRANCE

DETAILS (PULLING-IN IRONS, CABLE RACK AND DUCT ENTRANCE)

SKETCH DATE

JUNE 2002

STYLE

UG-7